**Product datasheet**

**Recombinant *E. coli* Beta-lactamase CTX-M-1 protein (His tag) ab226272**

### Description

<table>
<thead>
<tr>
<th>Product name</th>
<th>Recombinant <em>E. coli</em> Beta-lactamase CTX-M-1 protein (His tag)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>&gt; 90 % SDS-PAGE.</td>
</tr>
<tr>
<td>Expression system</td>
<td>Escherichia coli</td>
</tr>
<tr>
<td>Accession</td>
<td>P28585</td>
</tr>
<tr>
<td>Protein length</td>
<td>Full length protein</td>
</tr>
<tr>
<td>Animal free</td>
<td>No</td>
</tr>
<tr>
<td>Nature</td>
<td>Recombinant</td>
</tr>
<tr>
<td>Species</td>
<td>Escherichia coli</td>
</tr>
</tbody>
</table>

**Sequence**

```
QTADVQQKLAELERQSGGRLGVALIDADNSQLYRAD
ERFAMCSTSKVM
AVAAVLKKSESEPNNQRVEIKKSDLVNYNPIAEKHV
DGTMSLAELSAALQYSDNVAMNKLISHVGGPASVTAFARQLGDETFRLD
RTEPTLNTAIPGDPRDTTSPRAMAQTLRLNLGKALGDLSQRAQLVTWML
KNGTGAASIQAGL
PASWVVGDKGTDGDYGTNDIAVWPKDRAPLLVTVFTQPQPKAESRRDVLASAAKIVTNGL
```

**Predicted molecular weight**

32 kDa including tags

**Amino acids**

29 to 291

**Tags**

His tag N-Terminus

**Additional sequence information**

Strain K12. This product is the mature full length protein from aa 29 to 291. The signal peptide is not included.

### Specifications

**Our Abpromise guarantee** covers the use of ab226272 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications**

Mass Spectrometry
**SDS-PAGE**
**Mass spectrometry**  
**LC-MS/MS**
**Form**  
**Liquid**

**Preparation and Storage**

**Stability and Storage**  
Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  
Constituents: 50% Glycerol, Tris buffer

**General Info**

**Images**

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis of ab226272 with 5% enrichment gel and 15% separation gel.

SDS-PAGE - Recombinant E. coli Beta-lactamase CTX-M-1 protein (His tag) (ab226272)

Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS analysis result of ab226272 could indicate that this peptide derived from E.coli-expressed Escherichia coli Beta-lactamase CTX-M-1.

Mass Spectrometry - Recombinant E. coli Beta-lactamase CTX-M-1 protein (His tag) (ab226272)
Mass Spectrometry - Recombinant E. coli Beta-lactamase CTX-M-1 protein (His tag) (ab226272)

Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS analysis result of ab226272 could indicate that this peptide derived from E.coli-expressed Escherichia coli Beta-lactamase CTX-M-1.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors